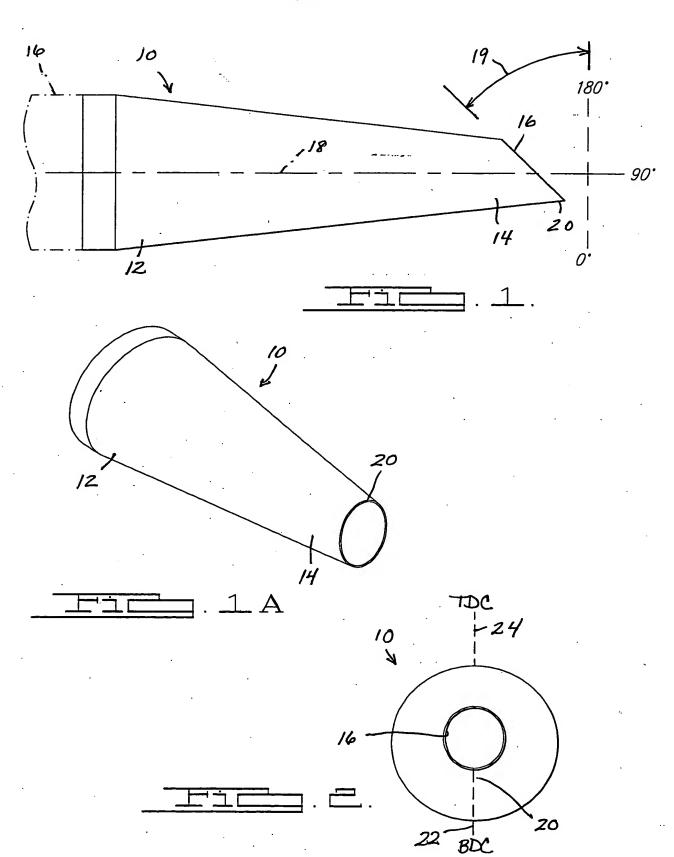
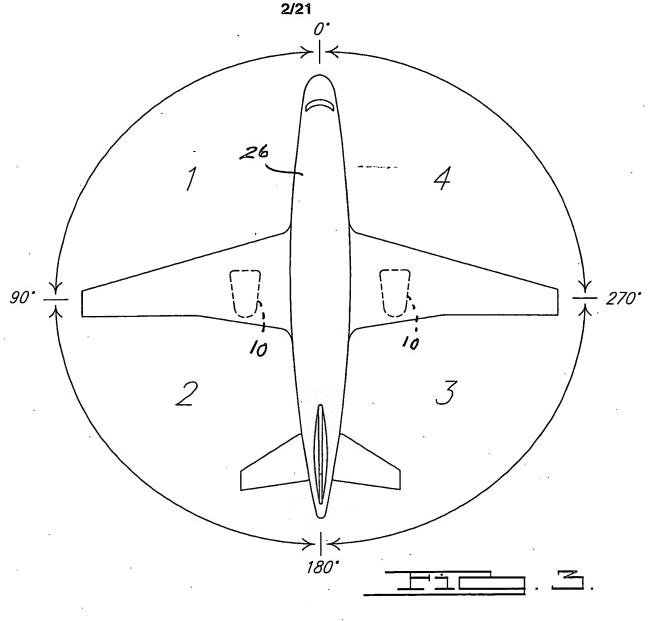
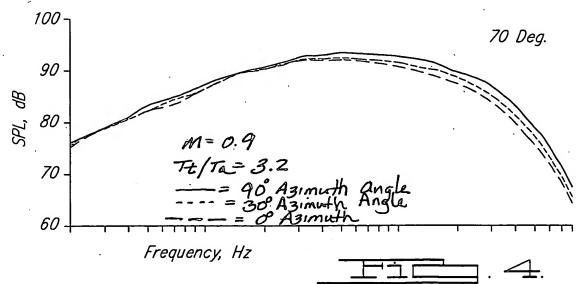
Title: Apparatus and Method for Reduction of Jet Noise From Turbofan Engines Having
Separate Bypass and Core Flows
Inventor(s): Viswanathan; Atty Docket: 7784-000712
Mark D. Elchuk, Harness Dickey & Pierce, (248) 641-1600

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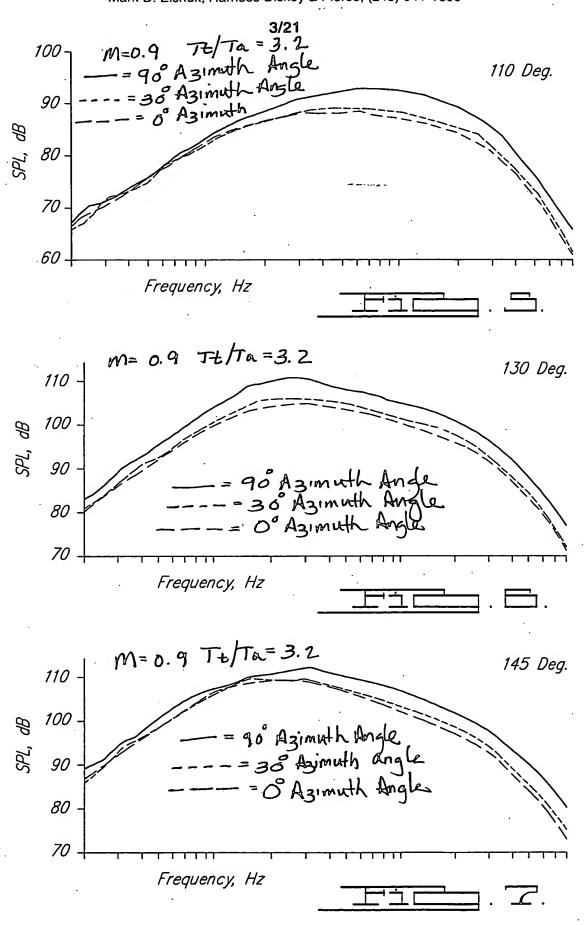






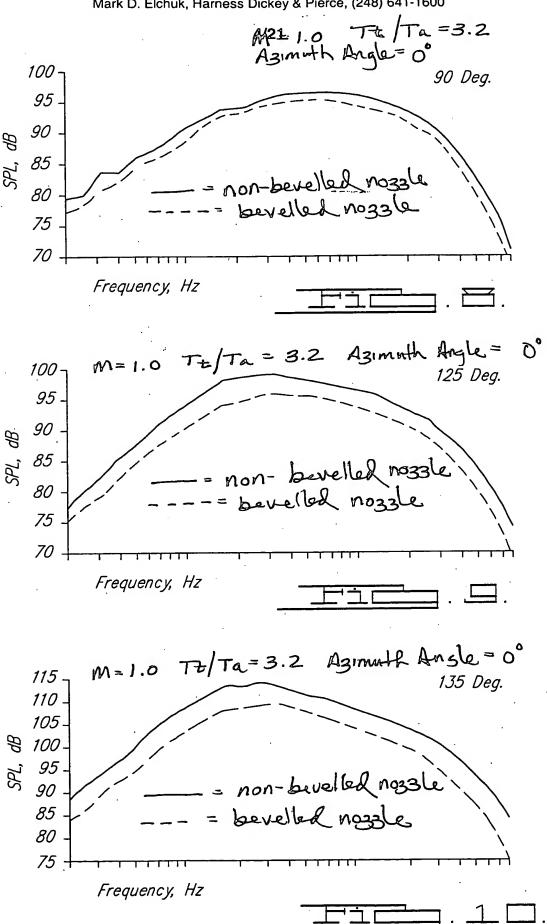
Title: Apparatus and Method for Reduction of Jet Noise From Turbofan Engines Having Separate Bypass and Core Flows

Inventor(s): Viswanathan; Atty Docket: 7784-000712 Mark D. Elchuk, Harness Dickey & Pierce, (248) 641-1600



Title: Apparatus and Method for Reduction of Jet Noise From Turbofan Engines Having Separate Bypass and Core Flows

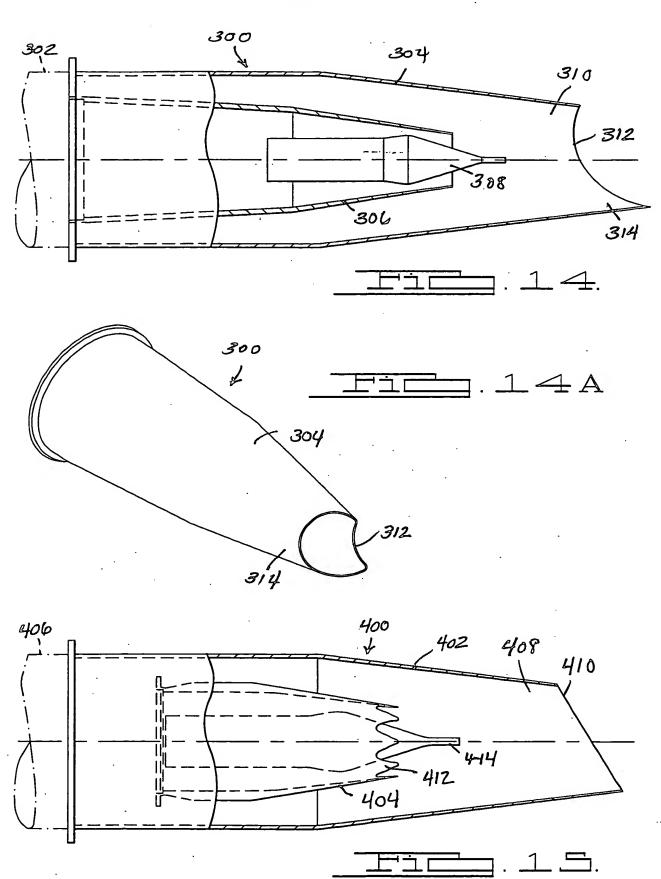
Inventor(s): Viswanathan; Atty Docket: 7784-000712 Mark D. Elchuk, Harness Dickey & Pierce, (248) 641-1600



Title: Apparatus and Method for Reduction of Jet Noise From Turbofan Engines Having Separate Bypass and Core Flows Inventor(s): Viswanathan; Atty Docket: 7784-000712 Mark D. Elchuk, Harness Dickey & Pierce, (248) 641-1600 Azimuth Angle = 00 M=1,0 Tt/Ta 5/28.2 115. 145 Deg. B. non-bevelled nossle bevelled nosste Frequency, Hz 

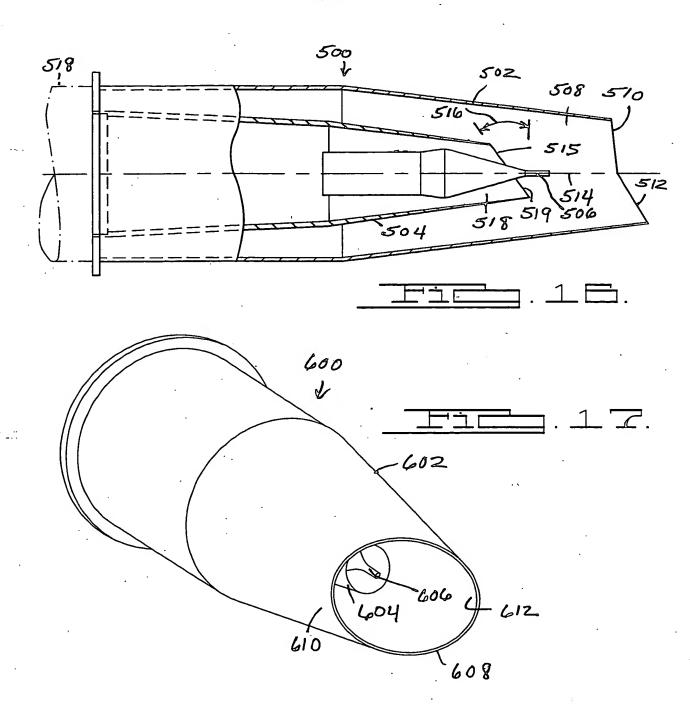
Title: Apparatus and Method for Reduction of Jet Noise From Turbofan Engines Having
Separate Bypass and Core Flows
Inventor(s): Viswanathan; Atty Docket: 7784-000712
Mark D. Elchuk, Harness Dickey & Pierce, (248) 641-1600

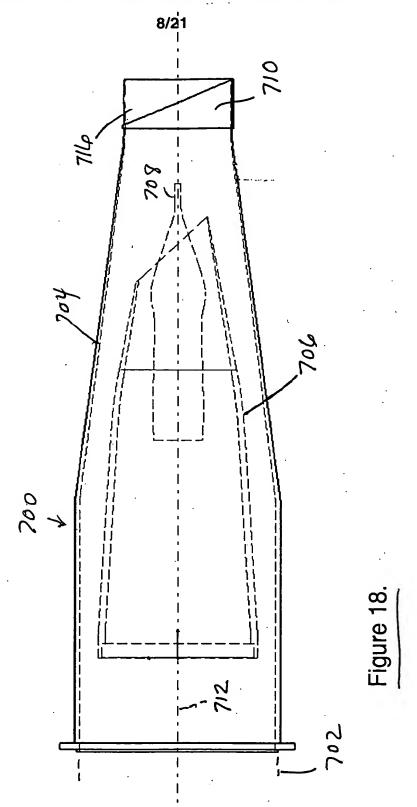
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Title: Apparatus and Method for Reduction of Jet Noise From Turbofan Engines Having Separate Bypass and Core Flows
Inventor(s): Viswanathan; Atty Docket: 7784-000712
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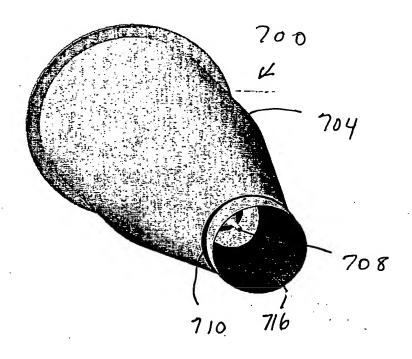




Title: Apparatus and Method for Reduction of Jet Noise From Turbofan Engines Having Separate Bypass and Core Flows

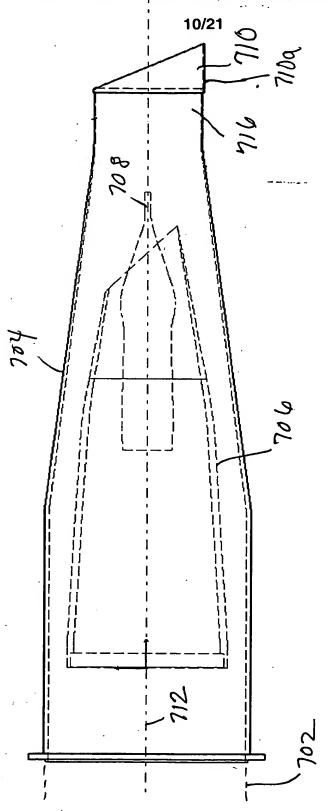
Inventor(s): Viswanathan; Atty Docket: 7784-000712 Mark D. Elchuk, Harness Dickey & Pierce, (248) 641-1600

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F16. 18A

Figure 18a.



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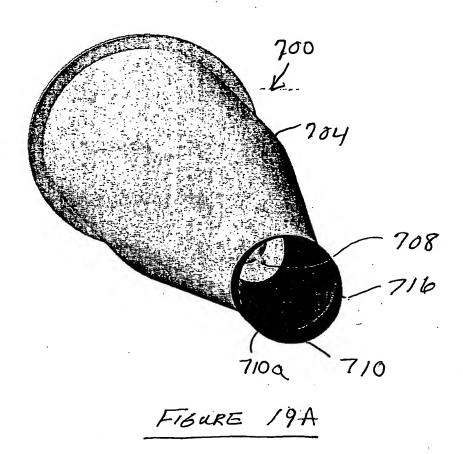


Figure 19a.

